				Enter Wate	ershed Variable	es Below					
Watershed Name		Ottertail] w	atershed Code	09020103			Help		
Landuse Type			Forest]	Landuse Acres	201,736]	5%		
Typical Unit Size (ac)			10		Pe	ercent TA of FA	20%	Co	50%		
			articipation Rate on Watershed Profile)		COMPARE	5%		articipation Rated Future Condition		Next	
Curi	rent Condition	ıs	Pr	ojected Chang	ge		Project	ted Future Co	ndition		
System					Acres	System	Percent	Acres			
System	reiceill	Acres	System	Percent	Acres	System	reiceill	Total	Static	Treated	
Baseline	92%	185,597	Baseline Progressive RMS	95% 4% 1%	176,317 7,424 1,856	Baseline	87%	176,317	176,317	0	
			Must Total 100%	100%							
Curi	rent Conditior	ıs	Pr	ojected Chan	ge		Project	ted Future Co			
System	Percent	Acres	System	Percent	Acres	System	Percent		Acres		
Progressive	7%	14,122	Progressive RMS	99% 1%	13,980 141	Progressive	11%	Total 21,404	Static 13,980	Treated 7,424	
			Must Total 100%	100%							
Curi	rent Conditior	ıs		0			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Total	Acres Static	Treated	
RMS	1%	2,017	RMS	100%	2,017	RMS	2%	4,015	2,017	1,997	
Grand Totals	100%	201,736					100%	201,736	192,315	9,421	

DOCUMENTATION SECTION

Use an "x" to place conservation practices in each treatment level. Click the "Next" Button to move forward.	Help	Con Treatr	serva nent L	
Practices from CPPE Tool Output	Code	Base	Prog	RMS
Forest Site Preparation (ac.) 490	490		X	X
Forest Stand Improvement (ac.) 666	666		X	X
Pest Management (ac.) 595	595		X	X
Tree/Shrub Establishment (ac.) 612	612	X	X	X
Upland Wildlife Habitat Management (ac.) 645	645		X	X
Use Exclusion (ac.) 472	472		X	X
Wetland Restoration (ac.) 657	657		X	X

DOCUMENTATION SECTION



PRACTICE FACTOR SHEET

Only shaded practices are in this analysis.



Modify the formula for each Base, Prog, RMS to enter feet, no. or acres for each practice factor.

Please enter appropriate factor for each level of treatment (Baseline, Progressive, & RMS)

<u>Code</u>	<u>BASE</u>		<u>PROG</u>		<u>RMS</u>	<u>SHORT NOTE</u> <u>TU = Typical Unit Size</u>	Practice Name
472	25.0%	X		X	10.0%	PERCENT of TU	Use Exclusion (ac.) 472
490	10.0%	X		X	2.5%	PERCENT of TU	Forest Site Preparation (ac.) 490
595	100.0%	X		X	5.0%	PERCENT of TU	Pest Management (ac.) 595
612	x 0.1%	X		X	2.5%	PERCENT of TU	Tree/Shrub Establishment (ac.) 612
645	30.0%	X		X	0.1%	PERCENT of TU	Upland Wildlife Habitat Management (ac.) 645
657	100.0%	X	0.005%	X	0.010%	PERCENT of TU	Wetland Restoration (ac.) 657
666	10.0%	X	1.0%	X	2.00%	PERCENT of TU	Forest Stand Improvement (ac.) 666
511	100.00%		100.0%		100.0%	PERCENT of TU	Forage Harvest Management (ac.) 511
644	100.0%		100.0%		1.0%	PERCENT of TU	Wetland Wildlife Habitat Management (ac.) 644
391	25.0%		25.0%		2.0%	PERCENT of TU	Riparian Forest Buffer (ac.) 391
327	10.0%		10.0%		10.0%	PERCENT of TU	Conservation Cover (ac.) 327
328	100.0%		100.0%		100.0%	PERCENT of TU	Conservation Crop Rotation (ac.) 328
344	80.0%		100.0%		100.0%	PERCENT of TU	Residue Management, Seasonal (ac.) 344
362	500		500		25	FEET per TU	Diversion (ft.) 362
380	500		500		500	FEET per TU	Windbreak/Shelterbreak Establishment (ft.) 380
393	10.0%		1.0%		2.0%	PERCENT of TU	Filter Strip (ac.) 393
412	5.0%		0.5%		1.0%	PERCENT of TU	Grassed Waterway (ac.) 412
590	100.0%		10.0%		100.0%	PERCENT of TU	Nutrient Management (ac.) 590
600	5,000		5,000		100	FEET per TU	Terrace (ft.) 600
606	10,000		16,000		20,000	FEET per TU	Subsurface Drain (ft.) 606
633	100.0%		100.0%		10.0%	PERCENT of TU	Waste Utilization (ac.) 633
638	1		1		2	NUMBER per TU	Water & Sediment Control Basin (no.) 638
329A	100.0%		5.0%		8.0%	PERCENT of TU	Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329A
329B	100.0%		40.0%		92.0%	PERCENT of TU	Residue and Tillage Management, Mulch Till (ac.) 329B
342	5.0%		5.0%		5.0%	PERCENT of TU	Critical Area Planting (ac.) 342
484	100.0%		100.0%		100.0%	PERCENT of TU	Mulching (ac.) 484
620	50		50		50	FEET per TU	Underground Outlet (ft.) 620
330	100.0%		100.0%		100.0%	PERCENT of TU	Contour Farming (ac.) 330
340	100.0%		100.0%		100.0%	PERCENT of TU	Cover Crop (ac.) 340
386	1,000		1,000		1,000	FEET per TU	Field Border (ft.) 386

WATERSHED NAME & CODE		OTTERTAIL	09020103			LANDUSE ACRES	201	1,736		
LANDUSE TYPE		FOR	REST		TYPICA	L UNIT SIZE ACRES		10		
ASSESSMENT INFORMATION					ESTIMAT	ED PARTICIPATION	5%			
	CURRENT FUTURE CONDITIONS				RESOURCE CONCERNS					
CONSERVATION SYSTEMS BY TREATMENT LEVELS	Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Plant Condition – Productivity, Health and Vigor	Plant Condition – Noxious and Invasive Plants	Fish and Wildlife – Inadequate Cover/Shelter	Fish and Wildlife – Habitat Fragmentation		
Baseline System			S	stem Rating ->	2	3	1	1		
Total Acreage at Baseline Level	185,597	176,317	0	176,317						
Tree/Shrub Establishment (ac.) 612	186	176	0	176	4	5	3	3		
					_	-				
Progressive System	44400	40.000		stem Rating ->	5	5	4	4		
Total Acreage at Progressive Level		13,980	7,424	21,404	-					
Forest Site Preparation (ac.) 490	353	350	186	535	5	5	0	0		
Forest Stand Improvement (ac.) 666	141	140	74	214	5	3	1	0		
Pest Management (ac.) 595	14	14	7	21	3	5	0	0		
Tree/Shrub Establishment (ac.) 612	353	357	178	535	4	5	3	3		
Upland Wildlife Habitat Management (ac.) 645	7	7	4	11	4	4	5	5		
Use Exclusion (ac.) 472	706	699	371	1,070	3	1	2	2		
Wetland Restoration (ac.) 657	1	1	0.37	1	4	4	4	4		
Resource Management System (RMS)			S	stem Rating ->	5	5	4	4		
Total Acreage at RMS Level	2,017	2,017	1,997	4,015						
Forest Site Preparation (ac.) 490	50	54	46	100	5	5	0	0		
Forest Stand Improvement (ac.) 666	40	42	39	80	5	3	1	0		
Pest Management (ac.) 595	101	101	100	201	3	5	0	0		
Tree/Shrub Establishment (ac.) 612	50	56	45	100	4	5	3	3		
Upland Wildlife Habitat Management (ac.) 645	2	2	2	4	4	4	5	5		
Use Exclusion (ac.) 472	202	209	193	401	3	1	2	2		
Wetland Restoration (ac.) 657	0	0	0.19	0	4	4	4	4		

WATERSHED NAME & CODE		OTTERTAIL	09020103			LANDUSE ACRES	201,736		
LANDUSE TYPE		FOR	EST		TYPICAL	. UNIT SIZE ACRES	1	0	
CONSERVATION INVESTMENT INFORMATION					ESTIMATE	D PARTICIPATION	5%		
	FUTURE	FUTURE USDA INVESTMENT				Pi	RIVATE INVESTMENT		
CONSERVATION SYSTEMS BY TREATMENT LEVELS	New Treatment Units	Installation Cost 50%	Management Cost - 3 yrs 100%	Technical Assistance 20%	Total Present Value Cost	Installation Cost 50%	Annual O & M + Mgt Costs 100%	Total Present Value Cost	
Progressive System Acres Treated	7,424								
Forest Site Preparation (ac.) 490	186	\$0	\$93,463	\$18,693	\$103,534	\$0	\$31,154	\$50,041	
Forest Stand Improvement (ac.) 666	74	\$6,612	\$0	\$1,322	\$7,934	\$6,612	\$0	\$6,612	
Pest Management (ac.) 595	7	\$0	\$122	\$24	\$136	\$0	\$41	\$66	
Tree/Shrub Establishment (ac.) 612	178	\$87,451	\$0	\$17,490	\$104,941	\$87,451	\$0	\$87,451	
Upland Wildlife Habitat Management (ac.) 645	4	\$365	\$0	\$73	\$438	\$365	\$0	\$365	
Use Exclusion (ac.) 472	371	\$23,200	\$0	\$4,640	\$27,840	\$23,200	\$1,392	\$29,226	
Wetland Restoration (ac.) 657	0	\$1,114	\$0	\$223	\$1,336	\$1,114	\$22	\$1,210	
	Subtotal	\$118,741	\$93,585	\$42,465	\$246,158	\$118,741	\$32,609	\$174,971	
Resource Management System (RMS) Acres Treated	1,997								
Forest Site Preparation (ac.) 490	46	\$0	\$23,366	\$4,673	\$25,883	\$0	\$7,789	\$12,510	
Forest Stand Improvement (ac.) 666	39	\$3,432	\$0	\$686	\$4,118	\$3,432	\$0	\$3,432	
Pest Management (ac.) 595	100	\$0	\$1,645	\$329	\$1,823	\$0	\$548	\$881	
Tree/Shrub Establishment (ac.) 612	45	\$21,863	\$0	\$4,373		\$21,863	\$0	The second secon	
Upland Wildlife Habitat Management (ac.) 645	2	\$189	\$0	\$38	\$227	\$189	\$0		
Use Exclusion (ac.) 472	193	\$12,041	\$0	\$2,408		\$12,041	\$722	\$15,169	
Wetland Restoration (ac.) 657	0	\$578	\$0	\$116	\$694	\$578	\$12	\$628	
			A0. 5 · · ·	A10	A=0 :::	444	Ac	A	
	Subtotal	\$38,103	\$25,011	\$12,623	\$73,430	\$38,103	\$9,071	\$54,672	
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS	231.9964	\$156,844	\$118,597	\$55,088	\$319,588	\$156,844	\$41,680	\$229,643	

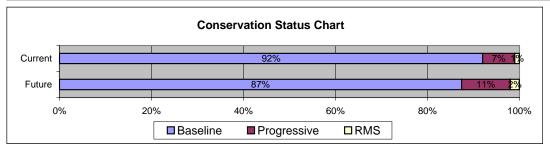


Chart Refers To										
Landuse Type	Landuse Type FOREST									
Estimated Participati	on Rate	5%								

Average PV Costs per Ac										
System	Federal	Private								
Prog	\$33	\$24								
RMS	\$37	\$27								

Estimated FTE per Year	0.1
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WATERSHED NAME & CODE		OTTERTAIL - 09020103						LA	NDUSE	ACRES	201,736
LANDUSE TYPE					TYPI	CAL UN	IIT SIZE	ACRES	10		
POSSIBLE SOURCES OF FUNDING							ESTIN	ATED F	PARTICI	PATION	5%
	FUTURE		U	SDA INVE	STMENT				OTHER	3	
CONSERVATION SYSTEMS BY TREATMENT LEVELS	New Treatment Units	СТА	EQIP	WRP	WHIP	CSP	CRP/ CREP	Fed	State	Local	NOTES/COMMENTS
Progressive System Acres Treated	7,424										
Forest Site Preparation (ac.) 490	186	х	х			Х					
Forest Stand Improvement (ac.) 666	74	х	X	х	X	х					
Pest Management (ac.) 595	7	х	х	х							
ree/Shrub Establishment (ac.) 612	178	Х	х	х							
Jpland Wildlife Habitat Management (ac.) 645	4	X	X	X	X						
Jse Exclusion (ac.) 472	371	Х	х			Х					
Vetland Restoration (ac.) 657	0	Х		х							
tesource Management System (RMS) Acres Treated	1,997										
orest Site Preparation (ac.) 490	46	х	х			Х					
Forest Stand Improvement (ac.) 666	39	Х	х	х	Х	х					
Pest Management (ac.) 595	100	Х	х	х							
		_ ^	_ ^	_ ^							
ree/Shrub Establishment (ac.) 612	45	X	X	X							
, ,					х						
Ipland Wildlife Habitat Management (ac.) 645	45	X	х	х	X	X					
Ipland Wildlife Habitat Management (ac.) 645 Ise Exclusion (ac.) 472	45 2	X X	X X	х	X	X					
Ipland Wildlife Habitat Management (ac.) 645 Ise Exclusion (ac.) 472	45 2 193	X X X	X X	X X	X	X					
Ipland Wildlife Habitat Management (ac.) 645 Ise Exclusion (ac.) 472	45 2 193	X X X	X X	X X	X	X					
Ipland Wildlife Habitat Management (ac.) 645 Ise Exclusion (ac.) 472	45 2 193	X X X	X X	X X	X	x					
pland Wildlife Habitat Management (ac.) 645 Ise Exclusion (ac.) 472	45 2 193	X X X	X X	X X	X	X					
pland Wildlife Habitat Management (ac.) 645 Ise Exclusion (ac.) 472	45 2 193	X X X	X X	X X	X	X					
Ipland Wildlife Habitat Management (ac.) 645 Ise Exclusion (ac.) 472	45 2 193	X X X	X X	X X	x	X					
Ipland Wildlife Habitat Management (ac.) 645 Ise Exclusion (ac.) 472	45 2 193	X X X	X X	X X	x	X					
pland Wildlife Habitat Management (ac.) 645 Ise Exclusion (ac.) 472	45 2 193	X X X	X X	X X	X	x					
Tree/Shrub Establishment (ac.) 612 Upland Wildlife Habitat Management (ac.) 645 Use Exclusion (ac.) 472 Vetland Restoration (ac.) 657	45 2 193	X X X	X X	X X	X	x					

DOCUMENTATION SECTION

Rapid Assessment Tool Data										
							Resource Concern	ns:		
Conservation Practice	Code	Units	Installation Cost	Life	O&M Factor	Total Annual Cost	Plant Condition – Productivity, Health and Vigor	Plant Condition – Noxious and Invasive Plants	Fish and Wildlife – Inadequate Cover/Shelter	Fish and Wild – Habitat Fragmentatio
Forest Site Preparation (ac.) 490	490	Ac	\$167.86	1	0.00	\$167.86	5	5	0	0
Forest Stand Improvement (ac.) 666	666	Ac	\$178.12	10	0.00	\$23.07	5	3	1	0
Pest Management (ac.) 595	595	Ac	\$5.50	1	0.00	\$5.50	3	5	0	0
Tree/Shrub Establishment (ac.) 612	612	Ac	\$981.64	15	0.00	\$94.57	4	5	3	3
Upland Wildlife Habitat Management (ac.) 645	645	Ac	\$196.70	3	0.00	\$72.23	4	4	5	5
Use Exclusion (ac.) 472	472	Ac	\$125.00	10	0.03	\$19.94	3	1	2	2
Wetland Restoration (ac.) 657	657	Ac	\$6,000.00	15	0.01	\$638.05	4	4	4	4